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10756
5407
1691

435/0

[illegible]

GeneChip® Sequence Analysis

M77.txt
M118.txt
MY221.txt
MY223.txt
MY225.txt
MY341.txt
MY715.txt
MY470.txt
ATcc4-go.txt
ATCC4-0-Gord.txt
M78(1z).txt
M79(jd).txt
M80(1g).txt
M81(1l).txt
M82(rn).txt
M83(mb).txt
M84(ow).txt
M85(lb).txt
M86(rz).txt
M87(wm).txt
M90(gordDB).txt
m126.txt
M128.txt
MY103.txt
MY475.txt
MY476.txt
MY930.txt
ATcc5-int.txt
ATCC5-0int.txt
M18.txt
M19.txt
M20.txt
M21.txt
M22.txt
M23.txt
M24.txt
M25.txt
M26.txt
M27.txt
M28.txt
M107.txt
MY107.txt
MY112.txt
MY312.txt
ATcc6-kan.txt
ATCC6-0Kan.txt
M1.txt
M2.txt
M3.txt
M4.txt
M6.txt
M7.txt
M9.txt
M57.txt
M58.txt
M59.txt

[illegible]

Atcc10-xen.txt

	10	20	30	40	50	60
1	CC	CC	CC	CC	CC	CC
2	CC	CC	CC	CC	CC	CC
3	CC	CC	CC	CC	CC	CC
4	CC	CC	CC	CC	CC	CC
5	CC	CC	CC	CC	CC	CC
6	CC	CC	CC	CC	CC	CC
7	CC	CC	CC	CC	CC	CC
8	CC	CC	CC	CC	CC	CC
9	CC	CC	CC	CC	CC	CC
10	CC	CC	CC	CC	CC	CC
11	CC	CC	CC	CC	CC	CC
12	CC	CC	CC	CC	CC	CC
13	CC	CC	CC	CC	CC	CC
14	CC	CC	CC	CC	CC	CC
15	CC	CC	CC	CC	CC	CC
16	CC	CC	CC	CC	CC	CC
17	CC	CC	CC	CC	CC	CC
18	CC	CC	CC	CC	CC	CC
19	CC	CC	CC	CC	CC	CC
20	CC	CC	CC	CC	CC	CC
21	CC	CC	CC	CC	CC	CC
22	CC	CC	CC	CC	CC	CC
23	CC	CC	CC	CC	CC	CC
24	CC	CC	CC	CC	CC	CC
25	CC	CC	CC	CC	CC	CC
26	CC	CC	CC	CC	CC	CC
27	CC	CC	CC	CC	CC	CC
28	CC	CC	CC	CC	CC	CC
29	CC	CC	CC	CC	CC	CC
30	CC	CC	CC	CC	CC	CC
31	CC	CC	CC	CC	CC	CC
32	CC	CC	CC	CC	CC	CC
33	CC	CC	CC	CC	CC	CC
34	CC	CC	CC	CC	CC	CC
35	CC	CC	CC	CC	CC	CC
36	CC	CC	CC	CC	CC	CC
37	CC	CC	CC	CC	CC	CC
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42	CC	CC	CC	CC	CC	CC
43	CC	CC	CC	CC	CC	CC
44	CC	CC	CC	CC	CC	CC
45	CC	CC	CC	CC	CC	CC
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47	CC	CC	CC	CC	CC	CC
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49	CC	CC	CC	CC	CC	CC
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51	CC	CC	CC	CC	CC	CC
52	CC	CC	CC	CC	CC	CC
53	CC	CC	CC	CC	CC	CC
54	CC	CC	CC	CC	CC	CC
55	CC	CC	CC	CC	CC	CC
56	CC	CC	CC	CC	CC	CC
57	CC	CC	CC	CC	CC	CC
58	CC	CC	CC	CC	CC	CC
59	CC	CC	CC	CC	CC	CC
60	CC	CC	CC	CC	CC	CC

[illegible]

[illegible]



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M38.txt
M39.txt
M40.txt
M41.txt
M42.txt
M43.txt
M44.txt
M45.txt
M46.txt
M47.txt
M68(Mav6).txt
M89.txt
M66(Mav4).txt

[illegible]

[illegible]

M60.txt
M61.txt
M62.txt
MY106.txt
MY216.txt
MY218.txt
MY226.txt
MY266.txt
M109.txt
M111.txt
M112.txt
M113.txt
M114.txt
MY325.txt
MY718.txt
MY214.txt
MY224.txt
MY244.txt
MY339.txt
MY343.txt
MY458.txt
MY809.txt
MY817.txt
MY821.txt
MY824.txt
MY102.txt
MY105.txt
MY251.txt
MY256.txt
MY294.txt
MY354.txt
Atcc7-ser.txt
ATCC7-08cr.txt
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MY249.txt
MY372.txt
MY378.txt
MY484.txt
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MY563.txt
MY586.txt
Atcc8-smc.txt
M35.txt
M36.txt
M37.txt
m125.txt
MY143.txt
MY104.txt
MY196.txt
MY357.txt
MY358.txt
MY480.txt
MY212.txt
MY491.txt
MY497.txt
MY816.txt
Atcc10-xen.txt

[illegible]

MY77.txt
 M118.txt
 MY221.txt
 MY223.txt
 MY225.txt
 MY341.txt
 MY715.txt
 MY470.txt
 ATcc4-go.txt
 ATCC4-0-Gord.txt
 MY78 (1z).txt
 MY9 (jd).txt
 M60 (1g).txt
 M61 (1l).txt
 M62 (rm).txt
 M63 (mb).txt
 M64 (ow).txt
 M65 (1b).txt
 M66 (zb).txt
 M67 (wn).txt
 M69 (gordb).txt
 mi126.txt
 M128.txt
 MY103.txt
 MY475.txt
 MY476.txt
 MY830.txt
 Acc5-int.txt
 ATCC5-0-int.txt
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 M28.txt
 M107.txt
 MY107.txt
 MY112.txt
 MY312.txt
 ATcc6-kan.txt
 ATCC6-0kan.txt
 M1.txt
 M2.txt
 M3.txt
 M4.txt
 M6.txt
 M7.txt
 M9.txt
 M57.txt
 M58.txt
 M59.txt

M38.txt
M39.txt
M40.txt
M41.txt
M42.txt
M43.txt
M44.txt
M45.txt
M46.txt
M47.txt
M68 (Nav6).txt
M89.txt
M66 (Nav4).txt

[illegible]

ATCC9-M2b.txt
MY621.txt
Atcc1-av.txt
M29.txt
M30.txt
M31.txt
M32.txt
M33.txt
M34.txt
M48-new.txt
M49.txt
M64(Mav2).txt
M65(Mav3).txt
M67(Mav5).txt
M69(Mav7).txt
M71(Mav9).txt
M91.txt
M94.txt
M95.txt
M96.txt
M100.txt
M101.txt
M102.txt
M104.txt
M105.txt
M106.txt
MY111.txt
M76.txt
MY451.txt
ATCC2-chelnew.txt
M10.txt
M11-662.txt
M12.txt
M13 2_662.txt
M14.txt
M15.txt
M16.txt
M17 2_662.txt
M50.txt
M51.txt
M15.txt
M116.txt
M119.txt
MY109.txt
MY200.txt
MY207.txt
MY209.txt
M122.txt
M123.txt
M124.txt
Atcc3-for.txt
M53.txt
M54.txt
M55.txt
M56.txt
M74(Mav12).txt

[illegible]

GeneChip® Sequence Analysis

[illegible]

[illegible]

ATCC9-M2b.txt	ATCC2-chelnew.txt
MY621.txt	MY451.txt
Atcc1-av.txt	ATCC2-chelnew.txt
M29.txt	MY10.txt
M30.txt	MY11-662.txt
M31.txt	MY12.txt
M32.txt	MY13 2_662.txt
M33.txt	MY14.txt
M34.txt	MY15.txt
M48-new.txt	MY16.txt
M49.txt	MY17 2_662.txt
M64(Mav2).txt	MY50.txt
M65(Mav3).txt	MY51.txt
M67(Mav5).txt	MY115.txt
M69(Mav7).txt	MY116.txt
M71(Mav9).txt	MY119.txt
MY1.txt	MY109.txt
MY4.txt	MY200.txt
MY5.txt	MY207.txt
MY6.txt	MY209.txt
MY100.txt	MY122.txt
MY101.txt	MY123.txt
MY102.txt	MY124.txt
MY104.txt	ATcc3-for.txt
MY105.txt	MY53.txt
MY106.txt	MY54.txt
MY111.txt	MY55.txt
MY76.txt	MY56.txt
MY7451.txt	MY74(Mav12).txt

[illegible]

M77.txt
M118.txt
MY221.txt
MY223.txt
MY225.txt
MY341.txt
My715.txt
MY470.txt
Atcc4-go.txt
ATCC4-0-Gord.txt
M78(1z).txt
M79(jd).txt
M80(1g).txt
M81(1l).txt
M82(rn).txt
M83(mb).txt
M84(ow).txt
M85(lb).txt
M86(xb).txt
M87(wm).txt
M90(gordB).txt
m126.txt
M128.txt
My103.txt
MY475.txt
MY476.txt
MY930.txt
Atcc5-int.txt
ATCC5-0int.txt
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M27.txt
M28.txt
M107.txt
MY107.txt
MY112.txt
MY312.txt
Atcc6-kan.txt
ATCC6-0Kan.txt
M1.txt
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M3.txt
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MY458.txt
MY809.txt
MY817.txt
MY821.txt
MY824.txt
MY102.txt
MY105.txt
MY251.txt
MY256.txt
MY294.txt
MY354.txt
Atcc4-
ATCC4-sor.txt
ATCC4-0scr.txt
MY121.txt
MY249.txt
MY372.txt
MY378.txt
MY484.txt
MY556.txt
MY563.txt
MY586.txt
Atcc8-
ATCC8-smo.txt
M35.txt
M36.txt
M37.txt
m125.txt
MY143.txt
MY104.txt
MY196.txt
MY357.txt
MY358.txt
MY480.txt
MY212.txt
MY491.txt
MY497.txt
MY816.txt
Atcc10-xan.txt



GeneChip® Sequence Analysis

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M38. txt
M39. txt
M40. txt
M41. txt
M42. txt
M43. txt
M44. txt
M45. txt
M46. txt
M47. txt
M68 (Mav6) . txt
M89. txt
M66 (Mav4) . txt

```
TCAAACCCGTTACCGGTTTCATTTGAGACGCGCTTACCGCAAGGTGGTCAACGGCGTGGTACCGG
TCAAACCCGTTACCGGTTTCATTTGAGACGCGCTTACCGCAAGGTGGTCAACGGCGTGGTACCGG
TCAAACCCGTTACCGGTTTCATTTGAGACGCGCTTACCGCAAGGTGGTCAACGGCGTGGTACCGG
TCAAACCCGTTACCGGTTTCATTTGAGACGCGCTTACCGCAAGGTGGTCAACGGCGTGGTACCGG
TCAAACCCGTTACCGGTTTCATTTGAGACGCGCTTACCGCAAGGTGGTCAACGGCGTGGTACCGG
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TCAAACCCGTTACCGGTTTCATTTGAGACGCGCTTACCGCAAGGTGGTCAACGGCGTGGTACCGG
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03/13/98 17:37:45

[illegible]

MY77.txt
 M118.txt
 MY221.txt
 MY223.txt
 MY225.txt
 MY341.txt
 MY715.txt
 MY470.txt
 Acccc-go.txt
 ATCC4-0-Gord.txt
 MY78(1z).txt
 MY79(jd).txt
 MY80(1g).txt
 MY81(1l).txt
 MY82(2m).txt
 MY83(mb).txt
 MY84(ow).txt
 MY85(1b).txt
 MY86(rb).txt
 MY87(w).txt
 MY90(gordDB).txt
 mi26.txt
 mi28.txt
 MY103.txt
 MY475.txt
 MY476.txt
 MY7830.txt
 ATCC5-int.txt
 ATCC5-0int.txt
 i18.txt
 i19.txt
 i20.txt
 i21.txt
 i22.txt
 i23.txt
 i24.txt
 i25.txt
 i26.txt
 i27.txt
 i28.txt
 MY107.txt
 MY107.txt
 MY112.txt
 MY312.txt
 ATCC6-kan.txt
 ATCC6-0kan.txt
 M1.txt
 M2.txt
 M3.txt
 M4.txt
 M5.txt
 M7.txt
 M9.txt
 M57.txt
 M58.txt
 M59.txt

[illegible]

50

M77.txt
M118.txt
MY221.txt
MY223.txt
MY225.txt
My341.txt
My715.txt
My470.txt
Atcc4-go.txt
ATCC4-0-Gord.txt
M78(lz).txt
M79(jd).txt
M80(lg).txt
M81(ll).txt
M82(rn).txt
M83(mb).txt
M84(ow).txt
M85(lb).txt
M86(rb).txt
M87(wn).txt
M90(gordDB).txt
m126.txt
M128.txt
My103.txt
MY475.txt
MY476.txt
MY830.txt
Atcc5-int.txt
ATCC5-0int.txt
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M28.txt
M107.txt
MY107.txt
MY112.txt
MY312.txt
Atcc6-kan.txt
ATCC6-0Kan.txt
M1.txt
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M4.txt
M6.txt
M7.txt
M9.txt
M57.txt
M58.txt
M59.txt

Figure 1 is a schematic representation of the experimental design. It shows a sequence of steps: 1. Selection of 1000 subjects, 2. Random assignment to two groups (500 each), 3. Training phase (10 days), 4. Test phase (10 days), 5. Post-test phase (10 days), 6. Follow-up phase (10 days), 7. Final assessment (10 days).

M60.txt
M61.txt
M62.txt
MY106.txt
MY216.txt
MY218.txt
MY226.txt
M109.txt
M111.txt
M112.txt
M113.txt
M114.txt
MY325.txt
MY718.txt
MY214.txt
MY224.txt
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MY339.txt
MY343.txt
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MY609.txt
MY917.txt
MY821.txt
MY824.txt
MY102.txt
MY105.txt
MY251.txt
MY256.txt
MY294.txt
MY354.txt
Atcc7-scr.txt
ATCC7-08cr.txt
MY121.txt
MY249.txt
MY372.txt
MY378.txt
MY484.txt
MY556.txt
MY563.txt
MY586.txt
Atcc8-amo.txt
M35.txt
M36.txt
M37.txt
m125.txt
MY143.txt
MY104.txt
MY196.txt
MY357.txt
MY358.txt
MY480.txt
MY212.txt
MY491.txt
MY497.txt
MY916.txt

[illegible]

M38.txt
M39.txt
M40.txt
M41.txt
M42.txt
M43.txt
M44.txt
M45.txt
M46.txt
M47.txt
M68 (Mav6
M89.txt
M66 (Mav4

[illegible]

M74(Mav12).txt

M77.txt
 M118.txt
 MY221.txt
 MY223.txt
 MY225.txt
 MY341.txt
 MY715.txt
 MY470.txt
 ATccc4-go.txt
 ATccc4-0-Gord.txt
 MY78(1z).txt
 MY79(jd).txt
 M80(1g).txt
 M80(1l).txt
 M82(1m).txt
 M83(mb).txt
 M84(ow).txt
 M85(1b).txt
 M86(rb).txt
 M87(wn).txt
 M90(gordDB).txt
 m126.txt
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 xy103.txt
 MY475.txt
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 ATccc5-int.txt
 ATccc5-0int.txt
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 M28.txt
 M107.txt
 MY107.txt
 MY112.txt
 MY312.txt
 ATccc6-kan.txt
 ATccc6-0kan.txt
 M1.txt
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 MY9.txt
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M60. txt
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Atcc7-5scr
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My816. txt

[illegible]

MY621.txt

M29.txt

M31.txt

M33.exe

M48-11041. exe
M49 txt

M65 (Mav3).txt

M69 (Mav7) .txt

M91.txt

M95.txt

M100.txt
M101.txt

M104.txt

M106.txt

M76.txt

ATCC2-cho1new.

MIJ-66Z. LXL
M12 4-24

M14_ext

M16.txt

M50.txt

M115.txt

M119.txt

MY207 EXT
MY207 EXT

MI203. txt
MI22 txt

M124.txt

M53.txt

M55.txt

1000

[illegible]

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[illegible]

[illegible]

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ATcc7-sef.txt
ATCC7-03cr.txt
MY121.txt
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MY484.txt
MY556.txt
MY563.txt
MY586.txt
ATcc8-smo.txt
MY335.txt
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MY125.txt
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MY196.txt
MY357.txt
MY358.txt
MY480.txt
MY212.txt
MY491.txt
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MY816.txt

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[illegible]

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

AGGCCCGCGCTGGTCCGGTAACCGGATGGAGGCCTGGCGCGCGGCGACGT
AGGCCCGCGCTGGTCCGGTAACCGGATGGAGGCCTGGCGCGCGGCGACGT
AGGCCCGCGCTGGTCCGGTAACCGGATGGAGGCCTGGCGCGCGGCGACGT

AGGCCCGCTGGTGGTACC



M77.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M118.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY221.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY223.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY225.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY341.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY715.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY470.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
Atcc4-go.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
ATCC4-0-Gord.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M78(1z).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M79(jd).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M80(1g).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M81(1l).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M82(rw).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M83(mb).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M84(ow).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M85(1b).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M86(rb).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M87(wr).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M90(gordb).txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
m126.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M128.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY103.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY475.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY476.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY830.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
Atcc5-int.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
ATCC5-0int.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M18.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M19.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M20.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M21.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M22.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M23.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M24.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M25.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M26.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M27.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M28.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M107.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY107.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY112.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
MY312.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
Atcc6-kan.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
ATCC6-0Kan.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M1.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M2.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M3.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M4.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M6.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M7.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M9.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M57.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
M58.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT
1500.txt	AGGC	CCCGCTGGT	CGG	ACCGG	ATGGAGCT	GCGCGCGGCGAT	CGACGCGGCGACGT

MM60.txt
MM61.txt
MM62.txt
My106.txt
My216.txt
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Atcc7-0scr.txt
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Atcc8-gme.txt
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GeneChip® Sequence Analysis

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M38.txt
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M40.txt
M41.txt
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M44.txt
M45.txt
M46.txt
M47.txt
M68 (Nav6).txt
M89.txt
M66 (Nav4).txt

AGGC	CCGCTGGTGGGCA	CCGGGATGGA	TTGCGCGCGGCGGATCGACGCGGCGGACGT	670
AGGC	CCGCTGGTGGGCA	CCGGGATGGA	TTGCGCGCGGCGGATCGACGCGGCGGACGT	680
AGGC	CCGCTGGTGGGCA	CCGGGATGGA	TTGCGCGCGGCGGATCGACGCGGCGGACGT	690
AGGC	CCGCTGGTGGGCA	CCGGGATGGA	TTGCGCGCGGCGGATCGACGCGGCGGACGT	700
AGGC	CCGCTGGTGGGCA	CCGGGATGGA	TTGCGCGCGGCGGATCGACGCGGCGGACGT	710
AGGC	CCGCTGGTGGGCA	CCGGGATGGA	TTGCGCGCGGCGGATCGACGCGGCGGACGT	720

06-03-2019

Affy#	SAMPLE ID#	Alt. ID	SPECIES
MY821		ATCC	<i>M. abscessus</i>
ATCC1	25291	ATCC-av	<i>M. avium</i>
M100	60300	MAC	<i>M. avium</i>
M101	60112	MAC	<i>M. avium</i>
M102	60268	MAC	<i>M. avium</i>
M103	60270	MAC	<i>M. avium</i>
M104	60272	MAC	<i>M. avium</i>
M105	60293	MAC	<i>M. avium</i>
M106	60313	MAC	<i>M. avium</i>
M107	60345	MAC	<i>M. avium</i>
M29	95-1764		<i>M. avium</i>
M30	95-1768		<i>M. avium</i>
M31	95-1768		<i>M. avium</i>
M32	95-1770		<i>M. avium</i>
M33	95-1775		<i>M. avium</i>
M34	95-1778		<i>M. avium</i>
M48	95-1765		<i>M. avium</i>
M49	95-1769		<i>M. avium</i>
M63	MAC #1	MAC	<i>M. avium</i>
M64	MAC #2	MAC	<i>M. avium</i>
M65	MAC #3	MAC	<i>M. avium</i>
M67	MAC #5	MAC	<i>M. avium</i>
M69	MAC #7	MAC	<i>M. avium</i>
M70	MAC #8	MAC	<i>M. avium</i>
M71	MAC #9	MAC	<i>M. avium</i>
M72	MAC #10	MAC	<i>M. avium</i>
M91	FM	<i>avium-intracell. FM(MAC)</i>	<i>M. avium</i>
M92	60040	MAC	<i>M. avium</i>
M93	60042	MAC	<i>M. avium</i>
M94	60049	MAC	<i>M. avium</i>
M95	60051	MAC	<i>M. avium</i>
M96	60110	MAC	<i>M. avium</i>
M97	60118	MAC	<i>M. avium</i>
M98	60123	MAC	<i>M. avium</i>
M99	60176	MAC	<i>M. avium</i>
M78	92-773		<i>M. bovis</i>
MY451			<i>M. bovis</i>
ATCC2	35752	ATCC-chel(new)	<i>M. chelonae</i>
M10	95A9151		<i>M. chelonae</i>
M11	95A0477		<i>M. chelonae</i>
M115	60121		<i>M. chelonae</i>
M116	52942		<i>M. chelonae</i>
M117	43192		<i>M. chelonae</i>
M118	53180		<i>M. chelonae</i>
M119	53131		<i>M. chelonae</i>
M12	95A4883		<i>M. chelonae</i>
M120	52923		<i>M. chelonae</i>
M121	52919		<i>M. chelonae</i>
M13	95A2611		<i>M. chelonae</i>
M14	95A0779		<i>M. chelonae</i>
M15	95A8654		<i>M. chelonae</i>
M16	95A8882		<i>M. chelonae</i>
M17	95A8881		<i>M. chelonae</i>
M50	95A11814		<i>M. chelonae</i>
M51	95A1102		<i>M. chelonae</i>
M75	#13	MAC#13	<i>M. chelonae</i>
MY109			<i>M. chelonae</i>
MY200			<i>M. chelonae</i>

FIG. 2 (2 of 6)

MY207			<i>M. chelonae</i>
MY209			<i>M. chelonae</i>
M122	60025		<i>M. flavescens</i>
M123	60078		<i>M. flavescens</i>
M124	60252		<i>M. flavescens</i>
ATCC3	6841	ATCC-for	<i>M. fortuitum</i>
M53	60305		<i>M. fortuitum</i>
M54	60344		<i>M. fortuitum</i>
M55	60435		<i>M. fortuitum</i>
M56	60447		<i>M. fortuitum</i>
M74	#12	MAC#12	<i>M. fortuitum</i>
M88	CH	fort. CH	<i>M. fortuitum</i>
MY221			<i>M. fortuitum</i>
MY223			<i>M. fortuitum</i>
MY225			<i>M. fortuitum</i>
MY341			<i>M. fortuitum</i>
MY715			<i>M. fortuitum</i>
MY470			<i>M. genevieve</i>
ATCC4	14470	ATCC-go	<i>M. gordonae</i>
ATCC4-0		gord.	<i>M. gordonae</i>
M125	60068		<i>M. gordonae</i>
M128	60182		<i>M. gordonae</i>
M127	60214		<i>M. gordonae</i>
M128	60283		<i>M. gordonae</i>
M78	92-942	gord. LZ	<i>M. gordonae</i>
M79	93-692	gord. JD	<i>M. gordonae</i>
M80	94-94	gord. LG	<i>M. gordonae</i>
M81	93-1231	gord. LL	<i>M. gordonae</i>
M82	93-463	gord. RM	<i>M. gordonae</i>
M83	92-1219	gord. MB	<i>M. gordonae</i>
M84	91-1131	gord. OW	<i>M. gordonae</i>
M85	91-1478	gord. LB	<i>M. gordonae</i>
M86	92-842	gord. RB	<i>M. gordonae</i>
M87	93-1180	gord. WN	<i>M. gordonae</i>
M90	DB	gord. DB	<i>M. gordonae</i>
MY103			<i>M. gordonae</i>
MY475			<i>M. gordonae</i>
MY476			<i>M. gordonae</i>
MY748			<i>M. gordonae</i>
MY830			<i>M. gordonae</i>
ATCC5		ATCC-int	<i>M. intracellulare</i>
ATCC5-0		intra	<i>M. intracellulare</i>
M18	95-1778		<i>M. intracellulare</i>
M19	95-1780		<i>M. intracellulare</i>
M20	95-1781		<i>M. intracellulare</i>
M21	95-1782		<i>M. intracellulare</i>
M22	95-1780		<i>M. intracellulare</i>
M23	95-1784		<i>M. intracellulare</i>
M24	95-1786		<i>M. intracellulare</i>
M25	95-1777		<i>M. intracellulare</i>
M26	95-1779		<i>M. intracellulare</i>
M27	95-1760		<i>M. intracellulare</i>
M28	95-1781		<i>M. intracellulare</i>
ATCC6	12478	ATCC-kan	<i>M. kansasii</i>
ATCC6-0		kans.	<i>M. kansasii</i>
M1	95A5375		<i>M. kansasii</i>
M2	95A10299		<i>M. kansasii</i>
M3	96A0020		<i>M. kansasii</i>
M4	95A3977		<i>M. kansasii</i>

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FIG. 2 (3 of 6)

M5	95A4739		<i>M. kansasii</i>
M52	95A5381		<i>M. kansasii</i>
M57	60163		<i>M. kansasii</i>
M58	60180		<i>M. kansasii</i>
M59	60207		<i>M. kansasii</i>
M6	95A2695		<i>M. kansasii</i>
M80	60294		<i>M. kansasii</i>
M61	60308		<i>M. kansasii</i>
M82	60314		<i>M. kansasii</i>
M7	95A2694		<i>M. kansasii</i>
M73	#11	MAC#11	<i>M. kansasii</i>
M8	94A9042		<i>M. kansasii</i>
M9	95A1275		<i>M. kansasii</i>
MY108			<i>M. kansasii</i>
MY141			<i>M. kansasii</i>
MY216			<i>M. kansasii</i>
MY218			<i>M. kansasii</i>
MY228			<i>M. kansasii</i>
M108	60044		<i>M. malmoense</i>
M109	60149		<i>M. malmoense</i>
M110	60211		<i>M. malmoense</i>
M111	60202		<i>M. malmoense</i>
M112	60085		<i>M. malmoense</i>
M113	60047		<i>M. malmoense</i>
M114	60185		<i>M. malmoense</i>
MY325		ATCC	<i>M. malmoense</i>
MY718		malmo	<i>M. malmoense</i>
MY214			<i>M. marinum</i>
MY224			<i>M. marinum</i>
MY244			<i>M. marinum</i>
MY339			<i>M. marinum</i>
MY343			<i>M. marinum</i>
MY458		ATCC	<i>M. mucogenicum</i>
MY809			<i>M. mucogenicum</i>
MY817			<i>M. mucogenicum</i>
MY821			<i>M. mucogenicum</i>
MY824			<i>M. mucogenicum</i>
MY102			<i>M. nonchromogenicum</i>
MY105			<i>M. nonchromogenicum</i>
MY251			<i>M. nonchromogenicum</i>
MY256			<i>M. nonchromogenicum</i>
MY294			<i>M. nonchromogenicum</i>
ATCC7	19981	ATCC-scr	<i>M. scrofulaceum</i>
ATCC7-0		scrof.	<i>M. scrofulaceum</i>
MY121			<i>M. scrofulaceum</i>
MY249			<i>M. scrofulaceum</i>
MY372			<i>M. scrofulaceum</i>
MY378			<i>M. scrofulaceum</i>
MY484			<i>M. simiae</i>
MY558			<i>M. simiae</i>
MY563			<i>M. simiae</i>
MY586			<i>M. simiae</i>
ATCC8	19420	ATCC-smc	<i>M. smegmatis</i>
M35	95A1072		<i>M. smegmatis</i>
M36	95A8183		<i>M. smegmatis</i>
M37	95A4990		<i>M. smegmatis</i>
M77	92-144	smeg. JL	<i>M. smegmatis</i>
MY143		ATCC	<i>M. smegmatis</i>
MY104			<i>M. szulgai</i>

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MY196			<i>M. szulgai</i>
MY357			<i>M. szulgai</i>
MY358			<i>M. szulgai</i>
MY480			<i>M. szulgai</i>
TB74	C.17.96.5		<i>M. tab M160 DR</i>
MY387			<i>M. tb</i>
MY418			<i>M. tb</i>
MY437			<i>M. tb</i>
MY462			<i>M. tb</i>
TB59	C.18.96.1		<i>M. tb H37rv DR</i>
TB67	C.18.96.1		<i>M. tb H37rv DR</i>
TB73	C.17.96.1		<i>M. tb H37rv DR</i>
TB60	C.18.96.2		<i>M. tb J35 DR</i>
TB65	C.22.96.9		<i>M. tb M101 DR</i>
TB62	C.18.96.4		<i>M. tb M104 DR</i>
TB69	C.18.96.3		<i>M. tb M104 DR</i>
TB72	C.18.96.7		<i>M. tb M104DR</i>
TB66	C.22.96.10		<i>M. tb M112 DR</i>
TB63	C.18.96.5		<i>M. tb M140 DR</i>
TB64	C.18.96.6		<i>M. tb M160 DR</i>
TB70	C.18.96.4		<i>M. tb M160 DR</i>
TB61	C.18.96.3		<i>M. tb M60 DR</i>
TB68	C.18.96.2		<i>M. tb M60 DR</i>
TB71	C.18.96.6		<i>M. tb M60 DR</i>
MY212			<i>M. terrae</i>
MY354			<i>M. terrae</i>
MY491			<i>M. terrae</i>
MY497			<i>M. terrae</i>
MY816			<i>M. triplex</i>
ATCC9	27294	Mtb	<i>M. tuberculosis</i>
ATCC9-0		TB2020	<i>M. tuberculosis</i>
N/A	93-1071		<i>M. tuberculosis</i>
N/A	93-336		<i>M. tuberculosis</i>
N/A	92-852		<i>M. tuberculosis</i>
N/A	92-1005		<i>M. tuberculosis</i>
N/A	92-243		<i>M. tuberculosis</i>
N/A	92-304		<i>M. tuberculosis</i>
N/A	92-199		<i>M. tuberculosis</i>
N/A	92-197		<i>M. tuberculosis</i>
N/A	92-484		<i>M. tuberculosis</i>
N/A	94-577		<i>M. tuberculosis</i>
TB1	938		<i>M. tuberculosis</i>
TB10	1122		<i>M. tuberculosis</i>
TB11	3407		<i>M. tuberculosis</i>
TB12	978		<i>M. tuberculosis</i>
TB13	3553		<i>M. tuberculosis</i>
TB14	3466		<i>M. tuberculosis</i>
TB15	2183		<i>M. tuberculosis</i>
TB16	DW	DW	<i>M. tuberculosis</i>
TB17	CB	CB	<i>M. tuberculosis</i>
TB18	PB	PB	<i>M. tuberculosis</i>
TB19	AA	AA	<i>M. tuberculosis</i>
TB2	M0404A		<i>M. tuberculosis</i>
TB20	3492		<i>M. tuberculosis</i>
TB21	1435		<i>M. tuberculosis</i>
TB22	896		<i>M. tuberculosis</i>
TB23	2268		<i>M. tuberculosis</i>
TB24	3455		<i>M. tuberculosis</i>
TB25	37		<i>M. tuberculosis</i>

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TB26	173		<i>M. tuberculosis</i>
TB27	230		<i>M. tuberculosis</i>
TB28	2519		<i>M. tuberculosis</i>
TB29	T29233		<i>M. tuberculosis</i>
TB3	1231		<i>M. tuberculosis</i>
TB30	SP	SP	<i>M. tuberculosis</i>
TB31	3201		<i>M. tuberculosis</i>
TB32	3219		<i>M. tuberculosis</i>
TB33	80		<i>M. tuberculosis</i>
TB34	3442		<i>M. tuberculosis</i>
TB35	3502		<i>M. tuberculosis</i>
TB36	3759		<i>M. tuberculosis</i>
TB37	1295		<i>M. tuberculosis</i>
TB38	337		<i>M. tuberculosis</i>
TB39	394		<i>M. tuberculosis</i>
TB4	814		<i>M. tuberculosis</i>
TB40	489		<i>M. tuberculosis</i>
TB41	535		<i>M. tuberculosis</i>
TB42	607		<i>M. tuberculosis</i>
TB43	707		<i>M. tuberculosis</i>
TB44	692		<i>M. tuberculosis</i>
TB45	2408		<i>M. tuberculosis</i>
TB46	1089		<i>M. tuberculosis</i>
TB47	M3262A		<i>M. tuberculosis</i>
TB48	1336		<i>M. tuberculosis</i>
TB49	1368		<i>M. tuberculosis</i>
TB5	1145		<i>M. tuberculosis</i>
TB50	65		<i>M. tuberculosis</i>
TB51	727		<i>M. tuberculosis</i>
TB52	3455		<i>M. tuberculosis</i>
TB53	3506		<i>M. tuberculosis</i>
TB54	9600367		<i>M. tuberculosis</i>
TB55	9600173		<i>M. tuberculosis</i>
TB56	9503471		<i>M. tuberculosis</i>
TB57	9600309		<i>M. tuberculosis</i>
TB58	9600230		<i>M. tuberculosis</i>
TB6	1417		<i>M. tuberculosis</i>
TB7	SM2341		<i>M. tuberculosis</i>
TB75	2098		<i>M. tuberculosis</i>
TB76	173/1		<i>M. tuberculosis</i>
TB77	1122/1		<i>M. tuberculosis</i>
TB78	1417/1		<i>M. tuberculosis</i>
TB8	1587		<i>M. tuberculosis</i>
TB9	M7032A		<i>M. tuberculosis</i>
ATCC10	19250	ATCC-xen	<i>M. xenopi</i>
M129	60133		<i>M. xenopi</i>
M130	60200		<i>M. xenopi</i>
M131	60365		<i>M. xenopi</i>
M132	60387		<i>M. xenopi</i>
M38	95A5208		<i>M. xenopi</i>
M39	95A5399		<i>M. xenopi</i>
M40	95A3938		<i>M. xenopi</i>
M41	95A8762		<i>M. xenopi</i>
M42	95A0933		<i>M. xenopi</i>
M43	95A4320		<i>M. xenopi</i>
M44	95A3478		<i>M. xenopi</i>
M45	95A2997		<i>M. xenopi</i>
M46	95A8383		<i>M. xenopi</i>
M47	95A4319		<i>M. xenopi</i>

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M68	MAC #8	MAC #8	<i>M. xenopi</i>
M89	SG	xen. SG	<i>M. xenopi</i>
MY219			<i>M. xenopi</i>
MY250			<i>M. xenopi</i>
MY252			<i>M. xenopi</i>
MY254			<i>M. xenopi</i>
MY255			<i>M. xenopi</i>
MY107			MAC
MY111			MAC
MY112			MAC
MY312			MAC
M88	MAC #4	MAC #4	unique

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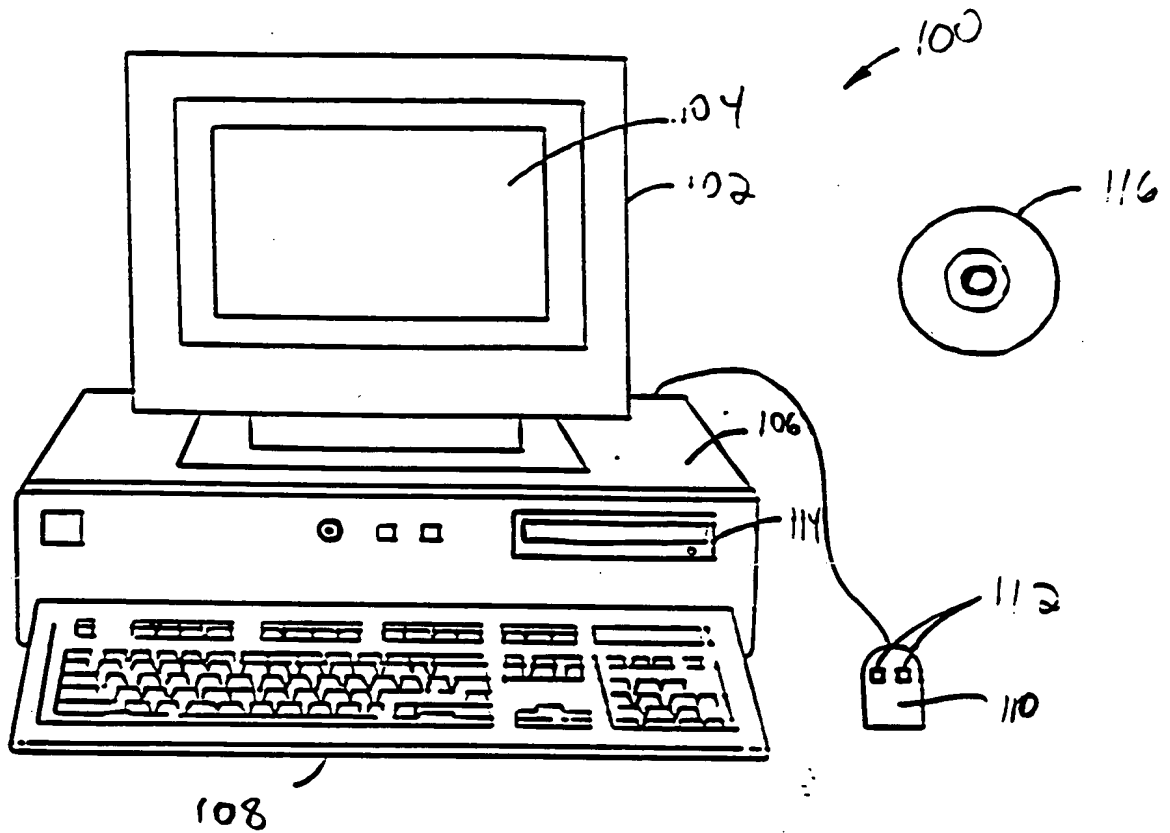


FIG. 3

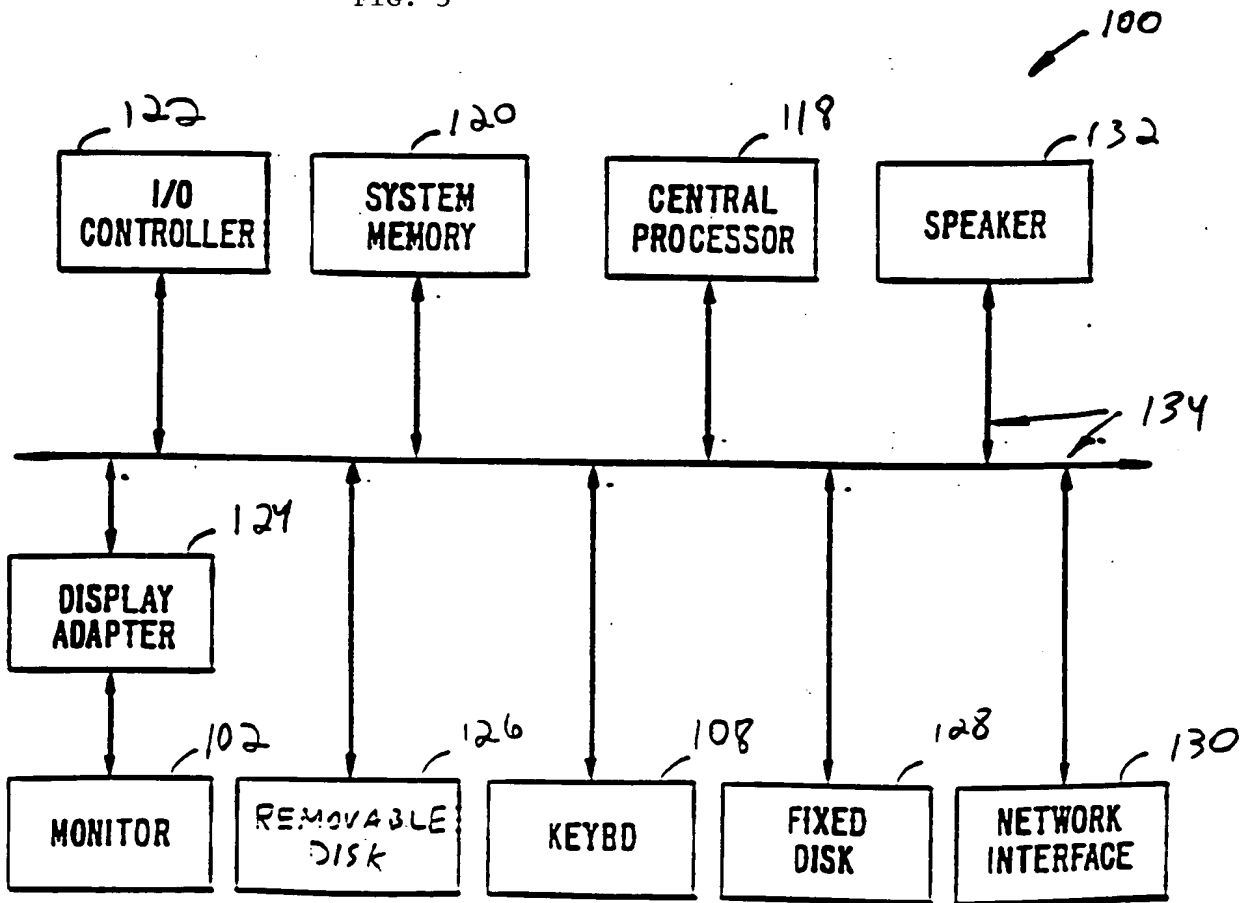


FIG. 4